

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
 Data File : BE093556.D
 Acq On : 25 Jul 2017 2:04
 Operator : SJ/JU
 Sample : I4213-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B35

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:33:25 PM

Quant Time: Jul 25 11:32:38 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 06:10:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2930	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	16184	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	11300	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	28186m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	31925	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	26741m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	8730	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	32015	0.36	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.76	128	1760	0.045	ng/ul#	92
12) Phenanthrene	17.29	178	3098	0.040	ng/ul#	88
15) Fluoranthene	19.31	202	7796	0.081	ng/ul	85
17) Pyrene	19.67	202	7294	0.078	ng/ul#	89
18) Benzo(a)anthracene	21.40	228	4352	0.047	ng/ul#	88
19) Chrysene	21.45	228	4473	0.050	ng/ul	95
21) Benzo(b)fluoranthene	23.15	252	6349	0.077	ng/ul#	82
23) Benzo(a)pyrene	23.81	252	4659m	0.059	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	2993m	0.041	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

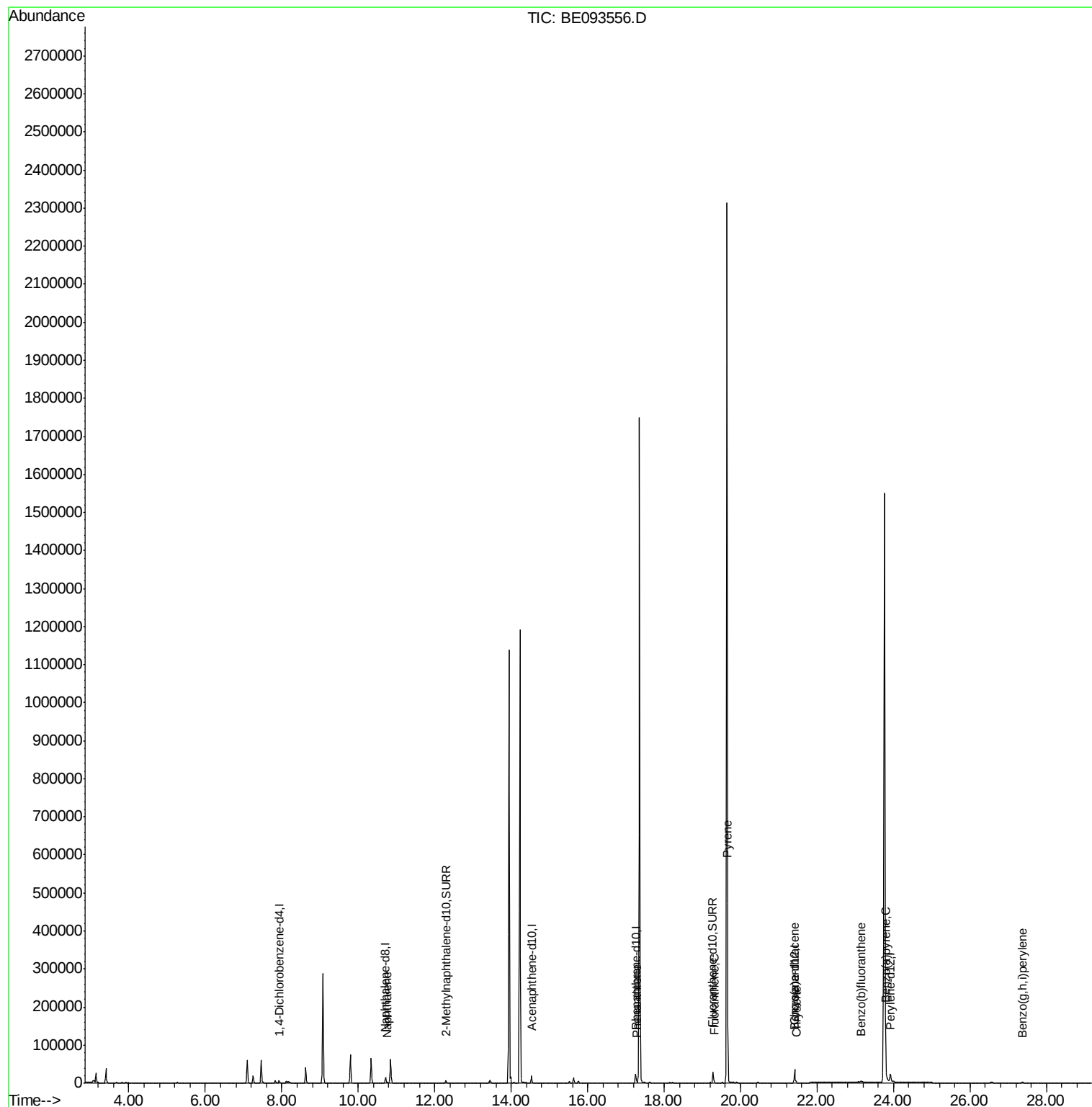
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093556.D
Acq On : 25 Jul 2017 2:04
Operator : SJ/JU
Sample : I4213-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

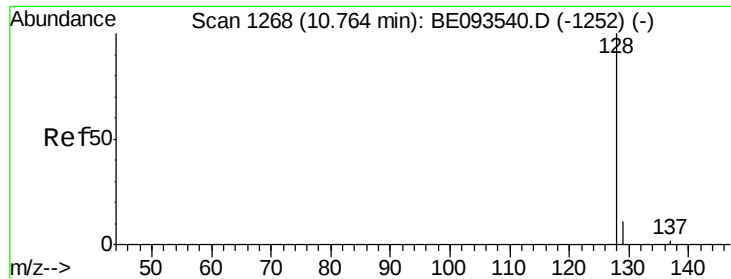
Instrument :
BNA_E
ClientSampleId :
C0B35

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:25 PM

Quant Time: Jul 25 11:32:38 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 06:10:24 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.045 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE093556.D

Acq: 25 Jul 2017 2:04

Instrument :

BNA_E

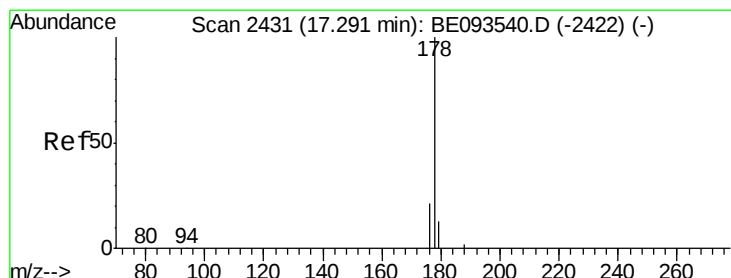
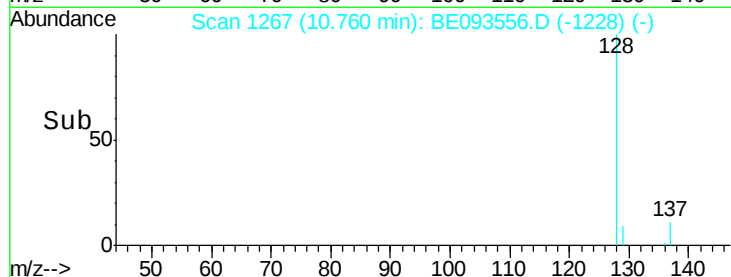
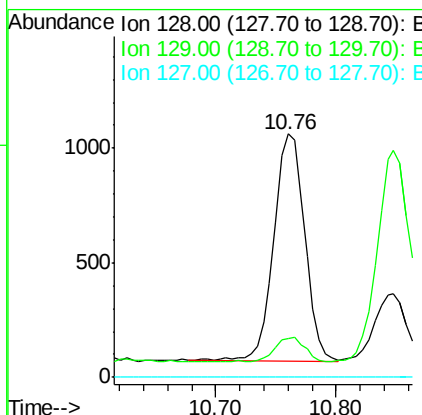
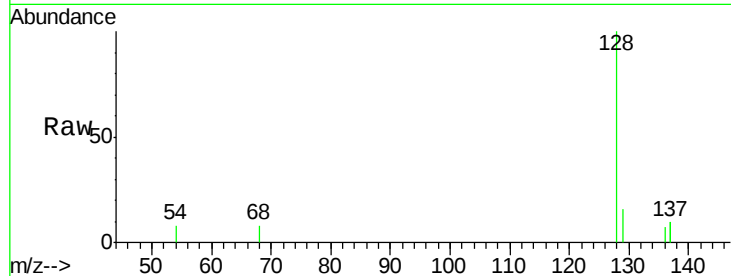
ClientSampled :

C0B35

Tgt Ion:	128	Resp:	1760
Ion Ratio	Lower	Upper	
128	100		
129	16.2	11.3	16.9
127	0.0	4.0	6.0#

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:25 PM



#12

Phenanthrene

Concen: 0.040 ng/ul

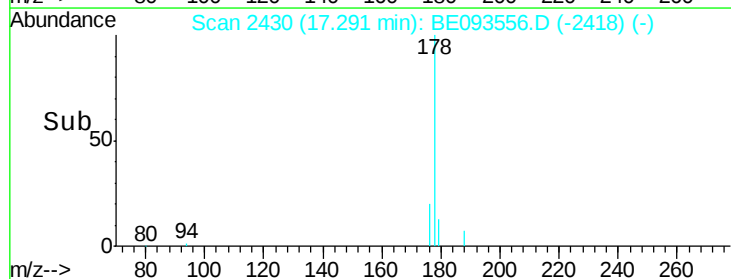
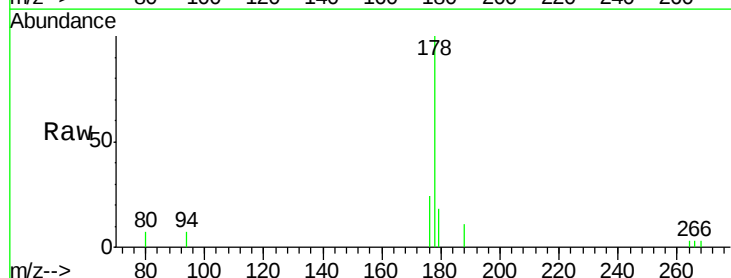
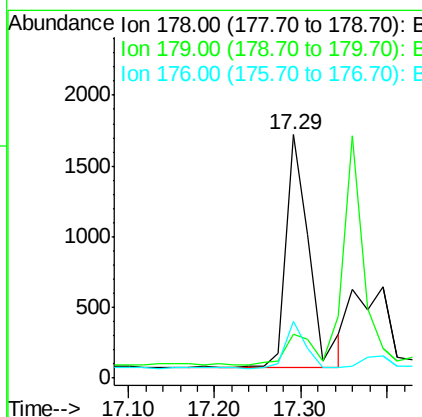
RT: 17.29 min Scan# 2430

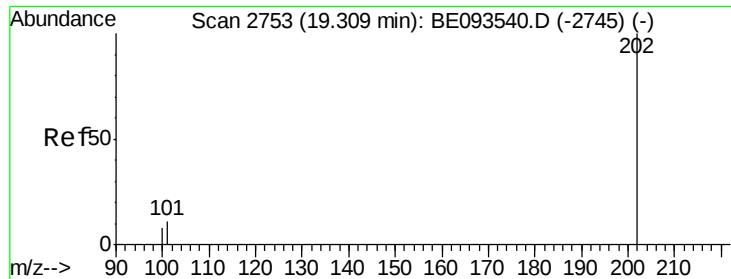
Delta R.T. 0.00 min

Lab File: BE093556.D

Acq: 25 Jul 2017 2:04

Tgt Ion:	178	Resp:	3098
Ion Ratio	Lower	Upper	
178	100		
179	18.2	18.4	27.6#
176	23.5	13.6	20.4#





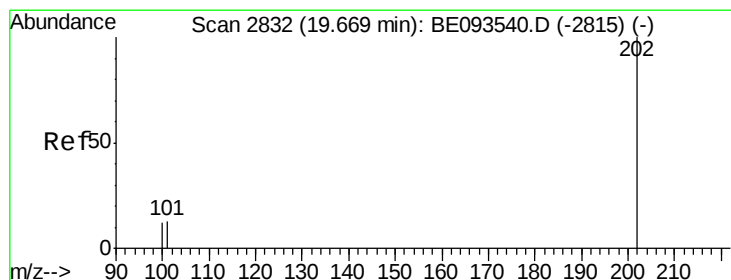
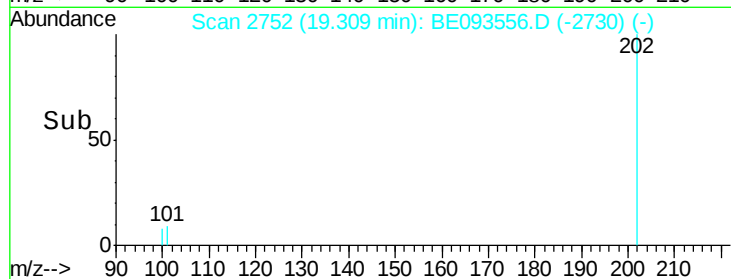
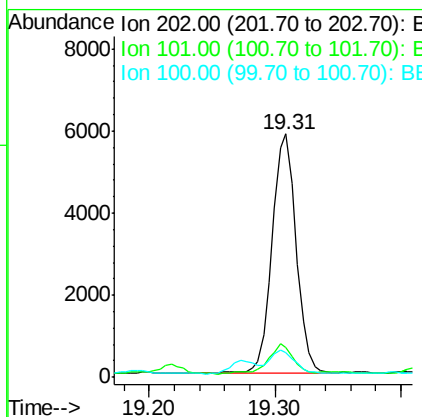
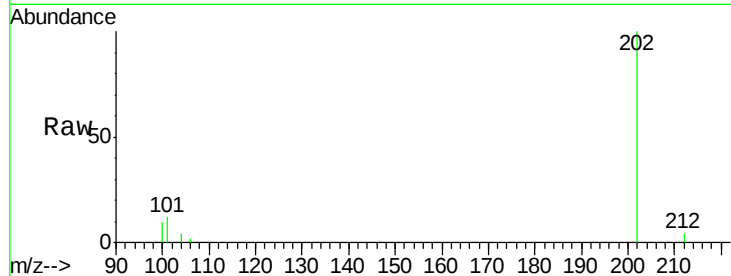
#15
Fluoranthene
Concen: 0.081 ng/ul
RT: 19.31 min Scan# 2752
Delta R.T. 0.00 min
Lab File: BE093556.D
Acq: 25 Jul 2017 2:04

Instrument :
BNA_E
ClientSampleId :
C0B35

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	7796		
101	12.1	0.0	30.3	
100	10.0	0.0	39.5	

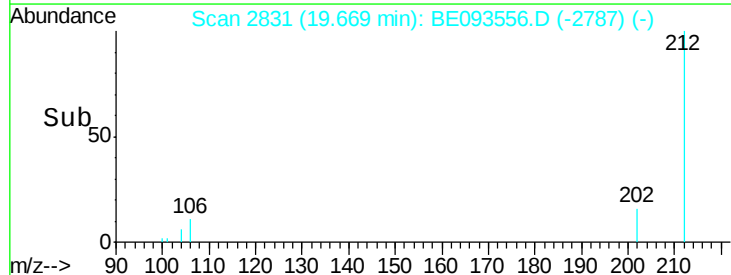
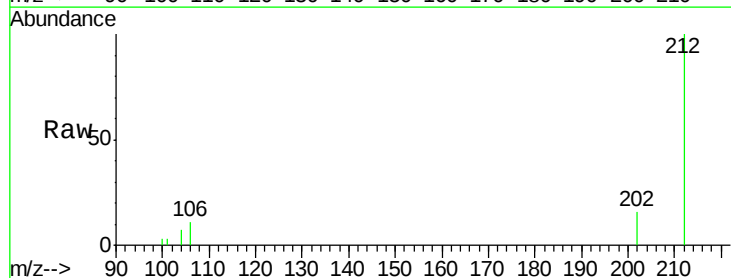
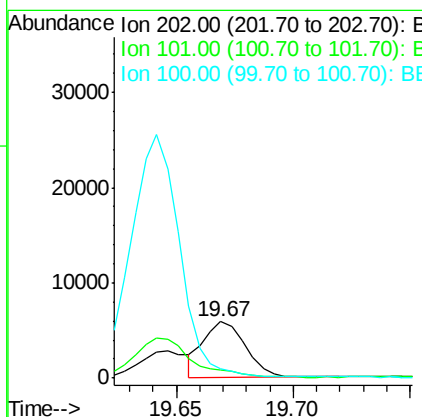
Manual Integrations
APPROVED

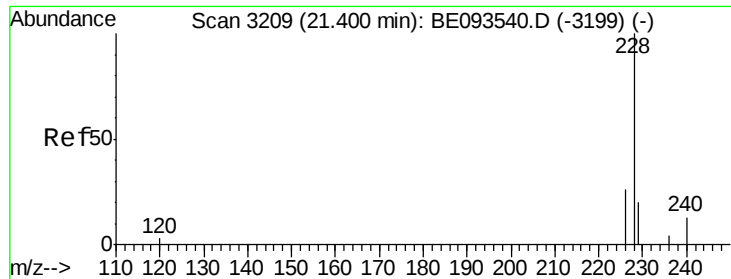
Sohil
7/25/2017 5:33:25 PM



#17
Pyrene
Concen: 0.078 ng/ul
RT: 19.67 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BE093556.D
Acq: 25 Jul 2017 2:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	7294		
101	15.4	18.2	27.4#	
100	16.4	15.6	23.4	





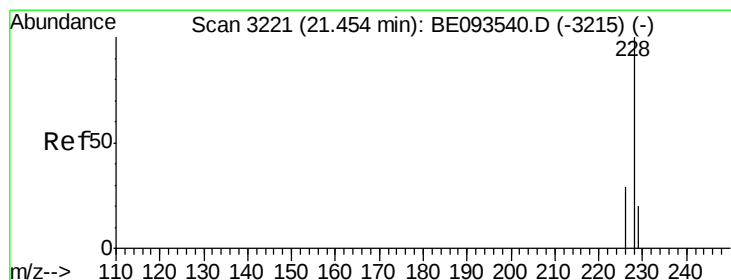
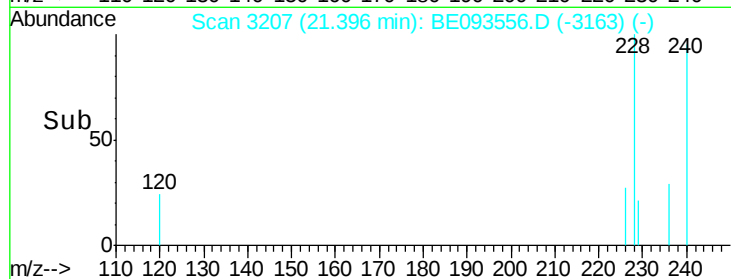
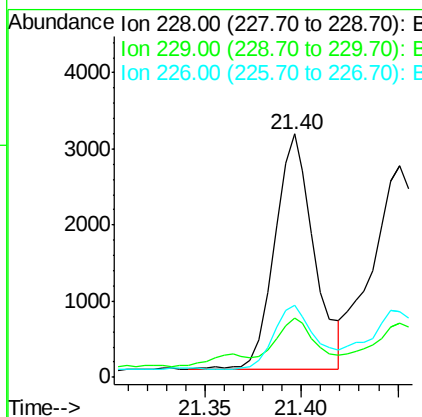
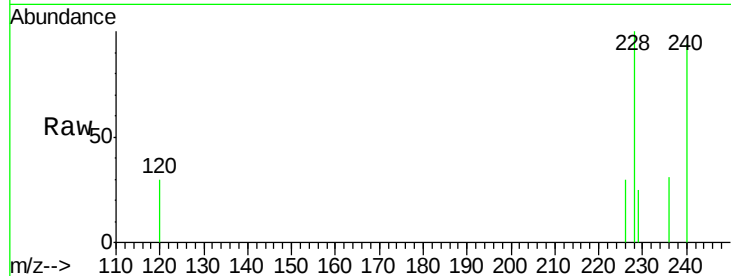
#18
Benzo(a)anthracene
Concen: 0.047 ng/ul
RT: 21.40 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BE093556.D
Acq: 25 Jul 2017 2:04

Instrument :
BNA_E
ClientSampleId :
C0B35

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.6	22.8	34.2
226	29.6	17.0	25.6

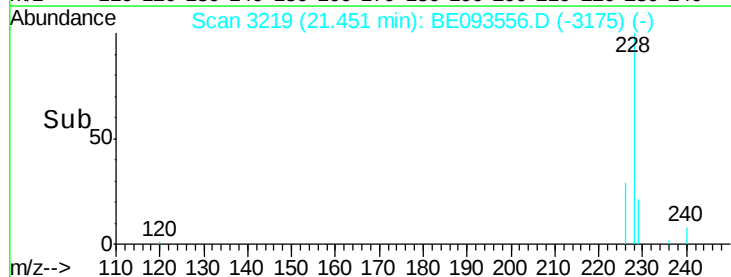
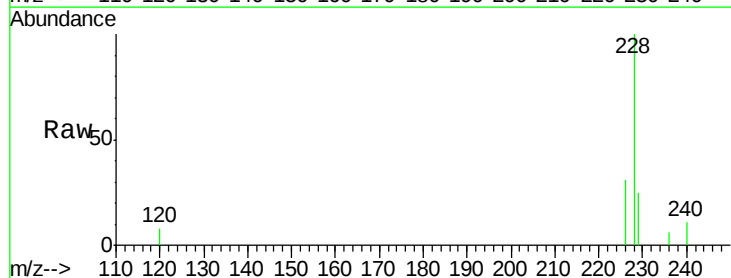
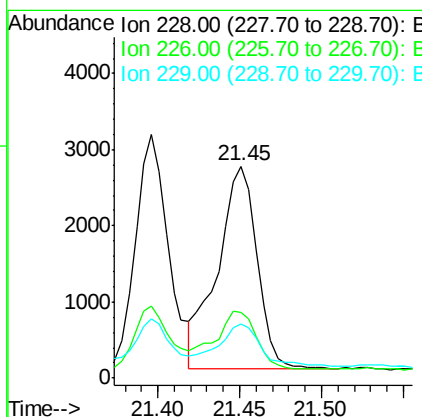
Manual Integrations
APPROVED

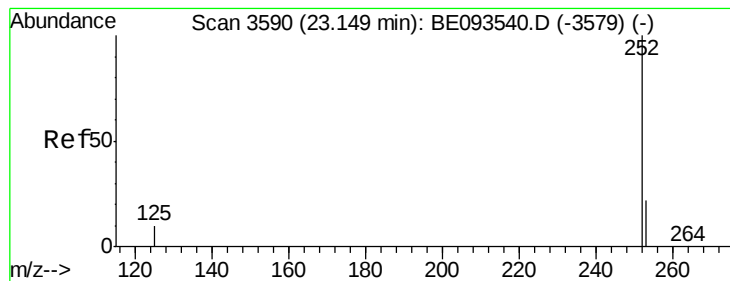
Sohil
7/25/2017 5:33:25 PM



#19
Chrysene
Concen: 0.050 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BE093556.D
Acq: 25 Jul 2017 2:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.0
229	25.3	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.077 ng/ul

RT: 23.15 min Scan# 3588

Delta R.T. 0.00 min

Lab File: BE093556.D

Acq: 25 Jul 2017 2:04

Instrument :

BNA_E

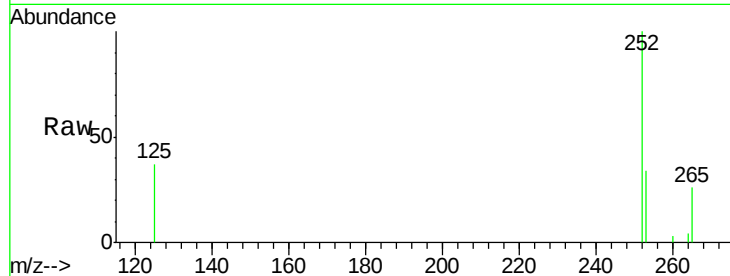
ClientSampleId :

C0B35

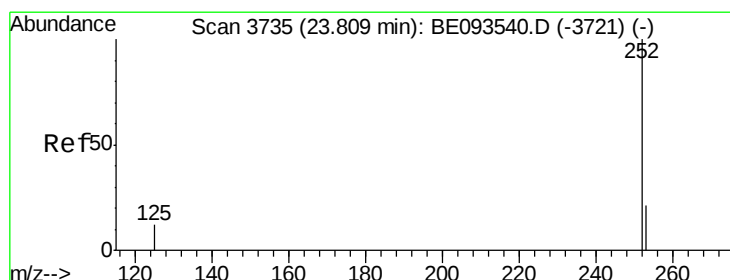
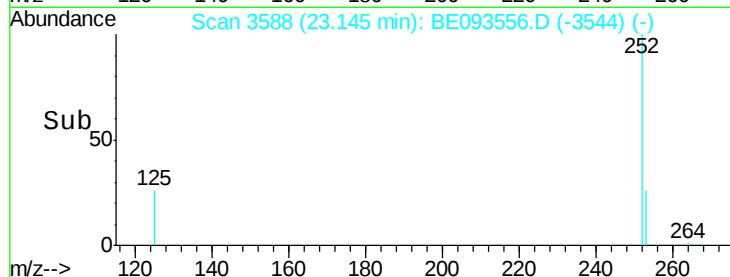
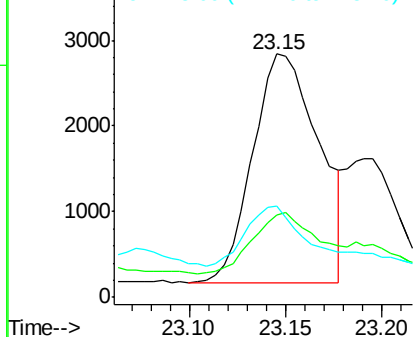
Tgt Ion:	252	Resp:	6349
Ion Ratio	Lower	Upper	
252	100		
253	33.8	0.0	64.2
125	37.3	0.0	35.0#

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:25 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.059 ng/ul m

RT: 23.81 min Scan# 3733

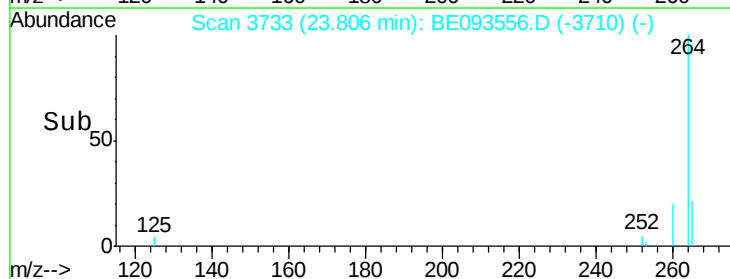
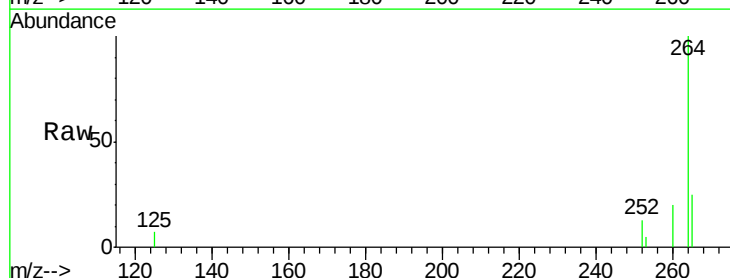
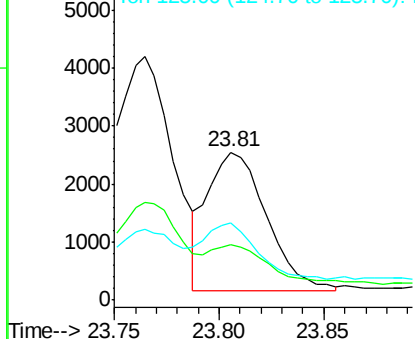
Delta R.T. 0.01 min

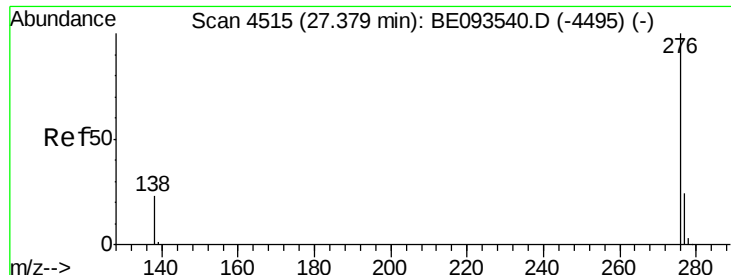
Lab File: BE093556.D

Acq: 25 Jul 2017 2:04

Tgt Ion:	252	Resp:	4659
Ion Ratio	Lower	Upper	
252	100		
253	37.1	28.5	42.7
125	51.7	18.1	27.1#

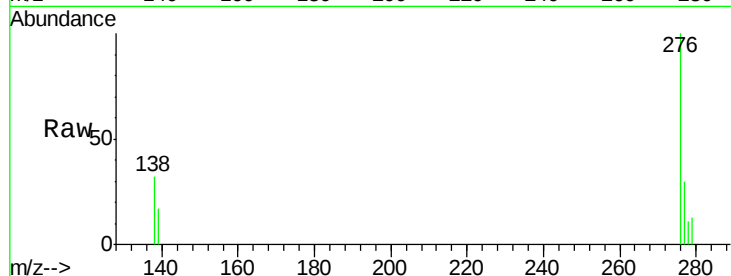
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#26
 Benzo(g,h,i)perylene
 Concen: 0.041 ng/ul m
 RT: 27.37 min Scan# 4511
 Delta R.T. -0.01 min
 Lab File: BE093556.D
 Acq: 25 Jul 2017 2:04

Instrument :
 BNA_E
 ClientSampleId :
 C0B35



Tgt	Ion	276	Resp:	2993
Ion	Ratio	Lower	Upper	
276	100			
138	32.1	21.8	32.8	
277	30.4	20.5	30.7	

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:33:25 PM

